

*Metropolitan Government of Nashville  
And Davidson County*



# PUBLIC MEETING

Gulch-SoBro Pedestrian Bridge

February 22, 2017

# WELCOME AND THANK YOU FOR ATTENDING

Metropolitan Government of Nashville  
and Davidson County

Doug Sloan, Executive Director, Metro Planning Commission

Consultant Team:

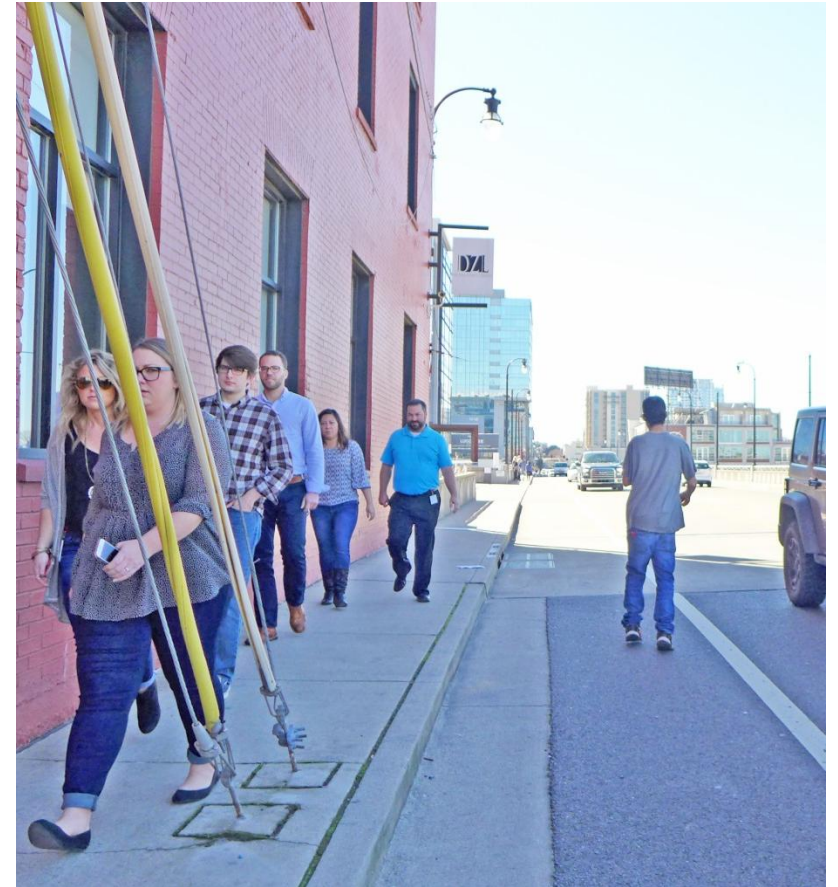
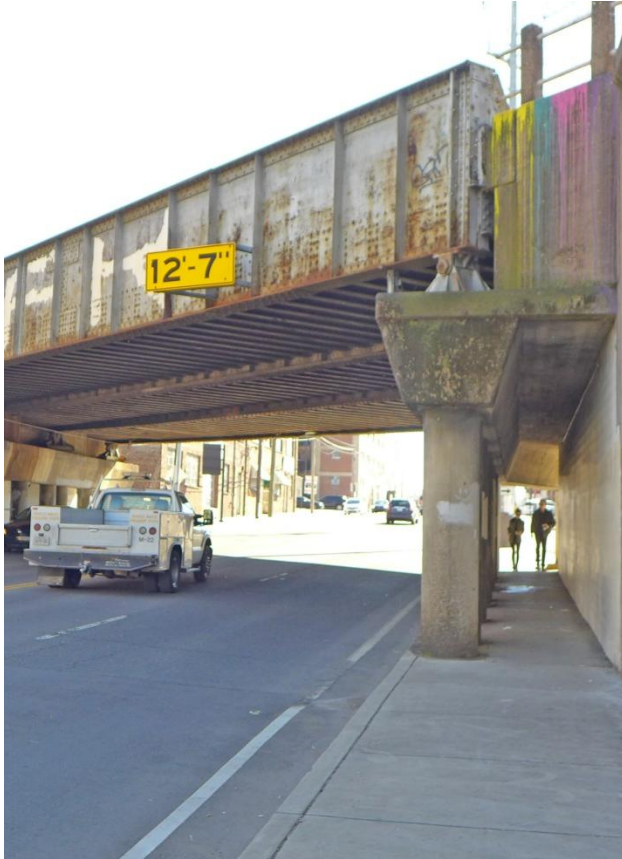


# AGENDA FOR THIS MEETING

- Background Summary
- Context
- Design Principles and Values
- Program Components and Materials
- Next Steps / Schedule
- Receive your input and answer questions

# BACKGROUND SUMMARY





WHY A PEDESTRIAN BRIDGE









ORIGINAL ALIGNMENT



CURRENT ALIGNMENT

# CONSTRAINTS AND PARAMETERS





- Limited landing area
- Private property
- Existing utilities
- Existing NES electrical transformers
- Pine Street vertical clearance

## GULCH LANDING CONSTRAINTS

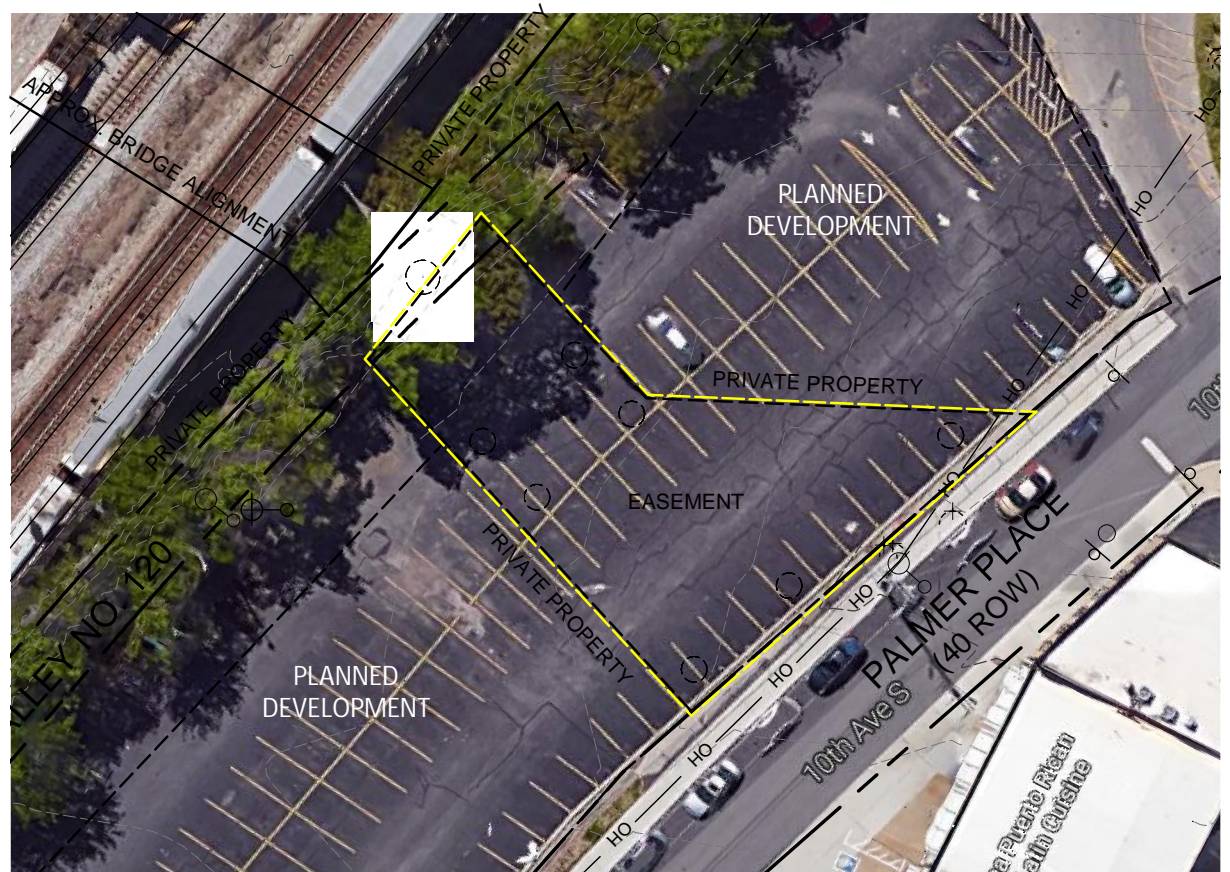
- Private property
- Single span requirement over CSXT ROW
- 23' Vertical clearance
- 25' Horizontal clearance
- 8' Protective fencing / canopy
- Minimize disruption to CSXT operations
- Minimize Maintenance



CSXT SPAN PARAMETERS



- Limited land area
- Private property
- Planned redevelopment
- Maintain access beneath
- Vertical clearance



SOBRO LANDING CONSTRAINTS



# STRUCTURAL CONSIDERATIONS

- Limited pier locations
- Shallow rock on-site
- Constructability
- Council-approved budget
- Bridge types considered



BRIDGE PRECEDENTS



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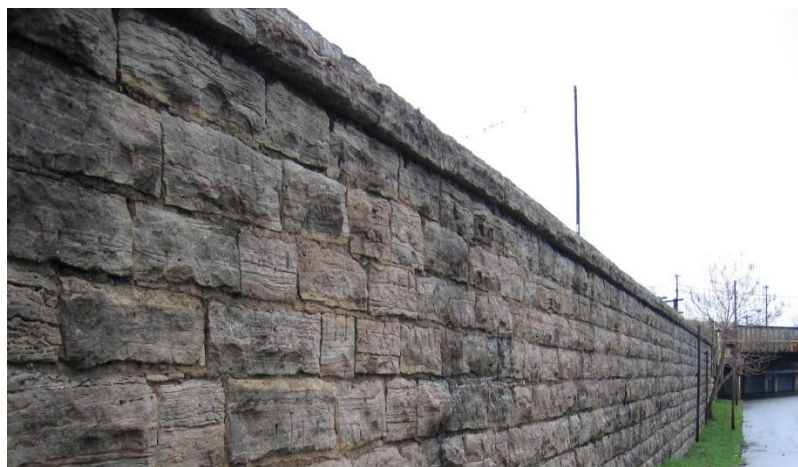
CONTEXT





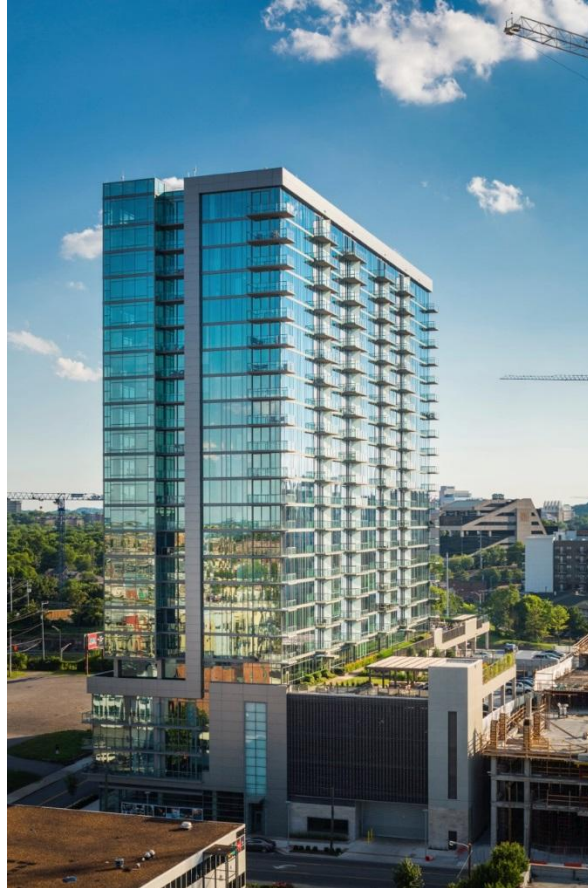
HISTORIC IMAGERY





HISTORIC IMAGERY





CONTEXTUAL BUILDING TYPES





CONTEXTUAL BUILDING TYPES





## CONNECTIVITY FOR ACTIVE TRANSPORTATION

# DRAFT DESIGN PRINCIPLES

DESTINATION LINEAR PARK

CONNECT SOBRO TO GULCH

ESTABLISH ECONOMIC ENGINE

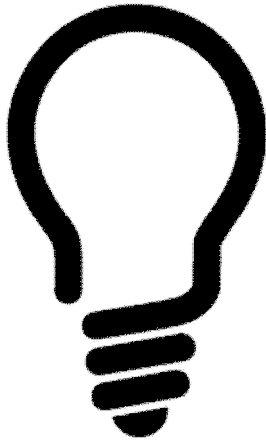
EMBRACE RAILROAD

ACTIVATE THE SPACE

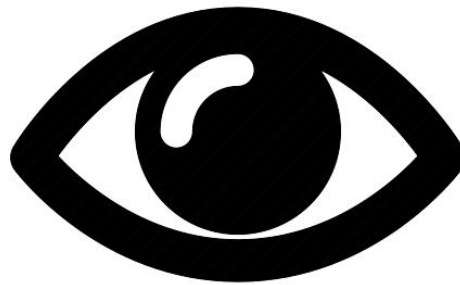
CAPTURE CHANGING SEASONS

CAPTURE DAY + NIGHT PERSONALITIES

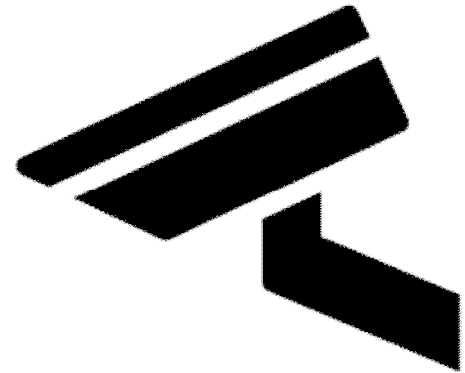
CREATE SAFE, SECURE,  
ACCESSIBLE ENVIRONMENT



AMPLE LIGHTING



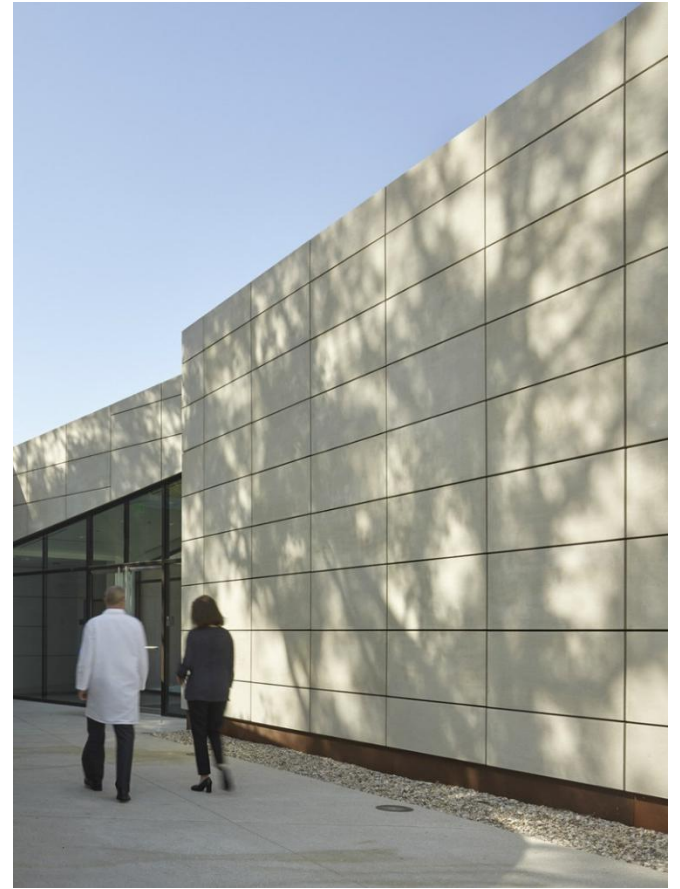
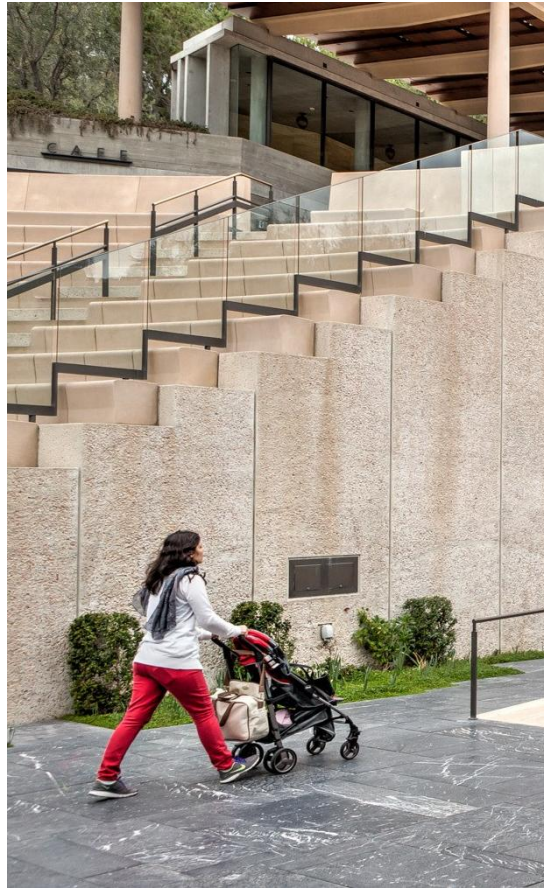
UNOBSTRUCTED  
VISIBILITY



CAMERAS / NO  
HIDE ZONES

SAFETY DESIGN OBJECTIVES





ARCHITECTURAL MATERIALITY





ELEVATOR PRECEDENTS



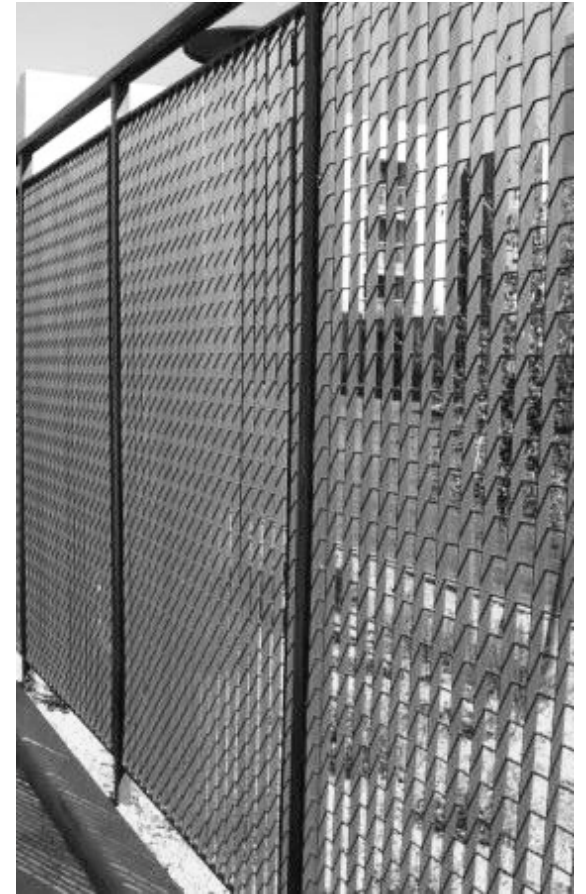
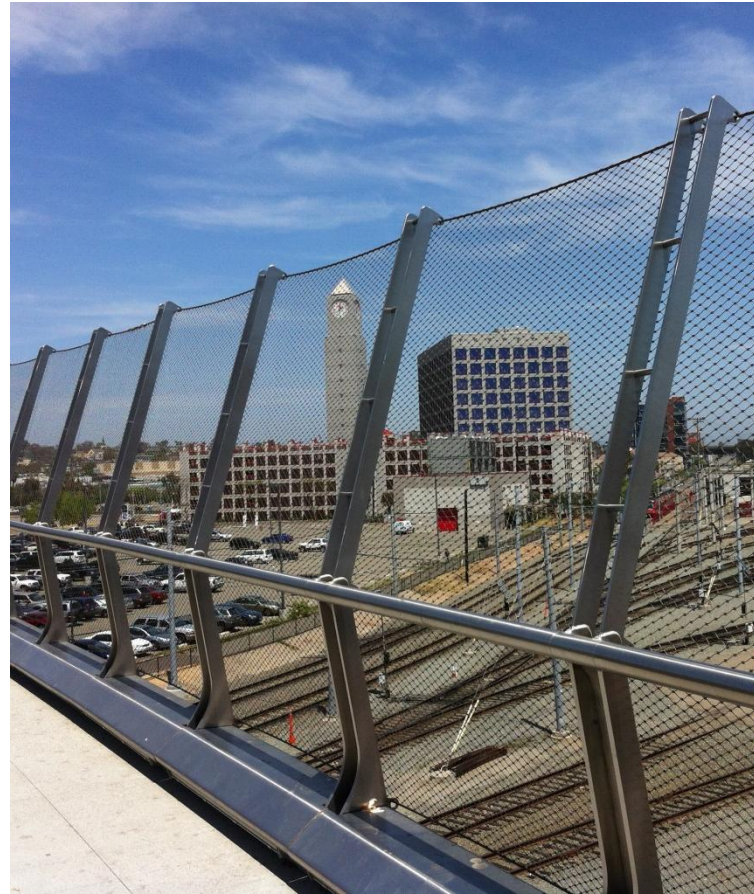


STEEL FINISH OPTIONS



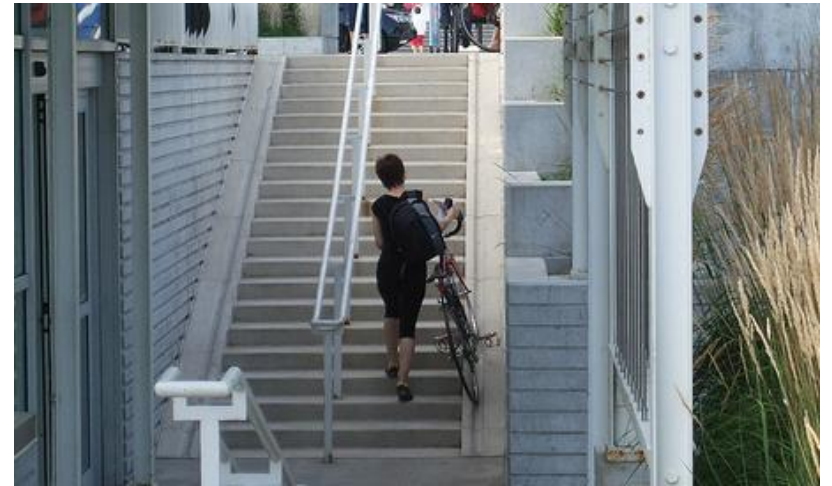
CLOCK TOWER PRECEDENTS





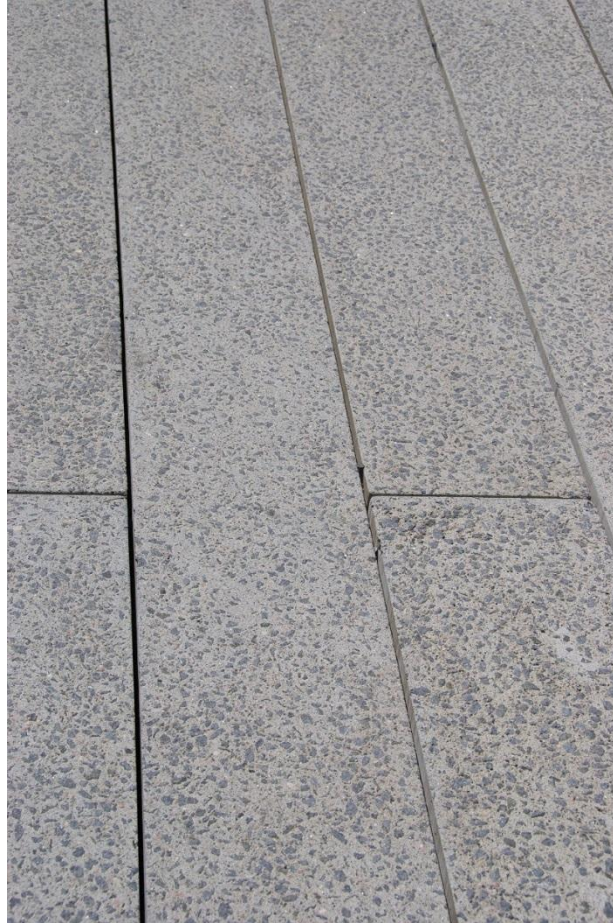
BARRIER OPTIONS





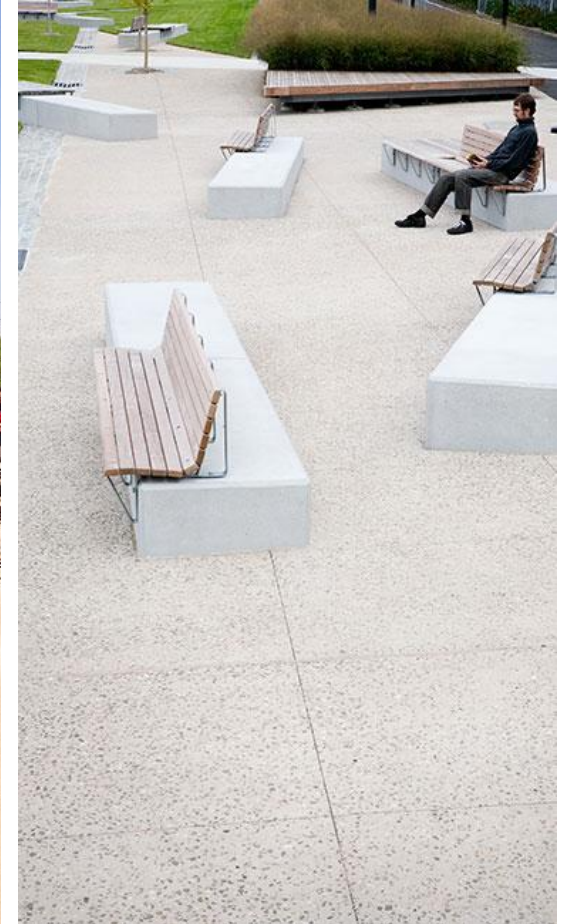
STAIRS + USER ACCESSIBILITY





## PAVING CONSIDERATIONS





FURNISHINGS





## PLANTING PRECEDENTS





LIGHTING DESIGN PRECEDENTS





LIGHTING DESIGN PRECEDENTS



## LIGHTING DESIGN PRECEDENTS



## NEXT STEPS

- Preliminary Plans and Permit Applications—  
1<sup>st</sup> Half of 2017
- Design Public Meeting – Late Spring 2017
- Property negotiations – 1<sup>st</sup> Half of 2017
- CSXT Review / Approval – Summer 2017
- Finalize Construction Plans, Permits and  
Easements – 2<sup>nd</sup> Half of 2017

## NEXT STEPS

- Construction Starts (Mobilization and Foundations) – 2<sup>nd</sup> Half of 2017
- CSXT Construction Agreement – 2<sup>nd</sup> Half of 2017
- Construction Complete – 2019



Interactive Participation

**OPEN HOUSE STATIONS**

Post-it Your Ideas:

**“How Do We Want To Use The Bridge?”**

(share your idea on a Post-it and place it on the poster)

# THANK YOU

Meeting materials and project updates will be available on Metro Public Works website:

<http://www.nashville.gov/Public-Works/Capital-Projects/Gulch-Pedestrian-Bridge.aspx>